

AMENDMENTS TO THE CLAIMS

Claim 1 (Previously presented) A data recording apparatus for recording and playing a stream of encoded digital data, said data recording apparatus comprising:

- a receiver unit operable to receive the stream of encoded digital data;
- an analyzer operable to detect a change in an attribute of the stream of encoded digital data received by said receiver unit and operable to output detection data containing information which indicates the detection of the change in the attribute of the stream of encoded digital data;
- a controller operable to generate management information containing
 - the detection data output by said analyzer,
 - time information indicating a time at which the change in the attribute of the stream of encoded digital data was detected,
 - a first entry point, which is defined based on the time information, wherein the first entry point is an access point from which the stream of encoded digital data is operable to begin playing, and
 - a second entry point, which represents a user-defined access point selected from any point within the stream of encoded digital data, from which the stream of encoded digital data is operable to begin playing;
- a drive operable to record the management information generated by said controller and operable to record the stream of encoded digital data received by said receiving unit to a data storage medium; and
- an input unit operable to receive a user input by which the user selects the user-defined access point from any point within the stream of encoded digital data, and operable to define the second entry point based on the user input and a playback path of the stream of encoded digital data.

Claims 2-7 (Cancelled)

Claim 8 (Currently Amended) A data recording apparatus according to claim 3, 1, wherein the data storage medium is an optical disc.

Claim 9 (Previously presented) A data recording method for recording and playing a stream of encoded digital data, said data recording method comprising:

receiving a stream of encoded digital data;

detecting a change in an attribute of the received stream of encoded digital data and outputting detection data containing information which indicates the detection of the change in the attribute of the stream of encoded digital data;

generating management information containing

the detection data,

time information indicating a time at which the change in the attribute of the stream of encoded digital data was detected,

a first entry point, which is defined based on the time information, wherein the first entry point is an access point from which the stream of encoded digital data is operable to begin playing, and

a second entry point, which represents a user-defined access point selected from any point within the stream of encoded digital data, from which the stream of encoded digital data is operable to begin playing;

recording the management information generated by said generating of the management information and recording the stream of encoded digital data received by said receiving of the stream of encoded digital data to a data storage medium; and

defining the second entry point based on a user input by which the user selects the user-defined access point from any point within the stream of encoded digital data, and based on a playback path of the stream of encoded digital data.

Claims 10-15 (Cancelled)